

**ASSIGNMENT**

*WHEREAS*, We, Paul A. Renhowe, Timothy Machajewski, Cynthia Shafer, Mary Ellen Wernette Hammond, and Alex L. Harris, hereinafter referred to as *ASSIGNORS*, have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: HETEROCYCLIC COMPOUNDS

Date(s) of Execution: March 22, 2001

Filing Date: September 1, 2000

Serial No: 60/231,829

*WHEREAS*, CHIRON CORPORATION, 4560 Horton Street, Emeryville, California 94608-2916, a corporation of the State of Delaware, hereinafter referred to as *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in the above invention and application and in any Letters Patent which may be granted on the same;

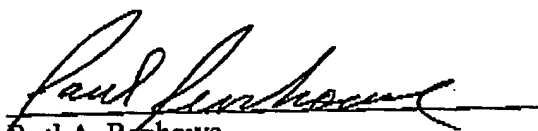
*NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN*: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to *ASSIGNORS* by *ASSIGNEE*, receipt of which is hereby acknowledged, *ASSIGNORS* have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said *ASSIGNEE*, and *ASSIGNEE'S* successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions (including conversions claiming priority under 35 U.S.C. §119(e)), reissues, prolongations or extensions thereof, the said interest to be held and enjoyed by said *ASSIGNEE* as fully and exclusively as it would have been held and enjoyed by said *ASSIGNORS* had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNORS** also agree that the U.S. application number may be entered above by **ASSIGNEE** or its agents upon designation of the application number by the U.S. Patent and Trademark Office.


**ASSIGNORS** further agree that they will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

IN TESTIMONY WHEREOF, **ASSIGNORS** have hereunto signed their names to this assignment on the dates indicated below.


DATE 3-22-01

  
Paul A. Renhowe

DATE 3-22-01

  
Timothy Machajewski

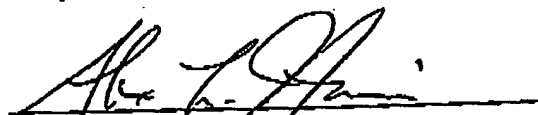
DATE 3-22-01

  
Cynthia Shafer

DATE 3-22-01

  
Mary Ellen Wernette Hammond

DATE 3-22-01

  
Alex L. Harris

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

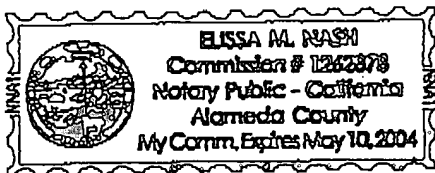
ss.

On March 22, 2001, before me, Elissa M. Nash  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Paul A. Renhowe, Timothy Machajewski, Cynthia Shafer,  
Mary Ellen Wernette Hammond, and Alex Harris  
Name(s) of Signer(s)

☐ personally known to me  
☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in Nash authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Elissa M. Nash  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

### Description of Attached Document

Title or Type of Document: Assignment document for Case No. 16325.001

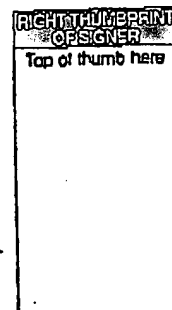
Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_  
☐ Individual  
☐ Corporate Officer — Title(s): \_\_\_\_\_  
☐ Partner — ☐ Limited ☐ General  
☐ Attorney in Fact  
☐ Trustee  
☐ Guardian or Conservator  
☐ Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



04-11-2001



101659975

PATENT

Atty. Docket No. 16325.001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Paul A. Renhowe et al.

Serial No.: 60/231,829

Group Art Unit: to be assigned

Filed: September 1, 2000

Examiner: to be assigned

For: HETEROCYCLIC COMPOUNDS

ASSIGNMENT DOCUMENT COVER LETTER

3-26-01

Box Assignment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

1. The accompanying assignment covers the patent or application identified above.

X No other patents or applications are covered by the assignment.

— Other patents and/or applications covered by the assignment as shown on the attached LIST OF PATENTS AND/OR APPLICATIONS COVERED BY ASSIGNMENT.

NAMES OF PARTY MAKING TRANSFER

2. Name 1: Paul A. Renhowe  
Name 2: Timothy Machajewski  
Name 3: Cynthia Shafer  
Name 4: Mary Ellen Wernette Hammond  
Name 5: Alex L. Harris

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231,

on this 22 day of March, 2001.  
By [Signature]

40E

04/10/2001 LMJELLER 00000307 60231829

01 FC:581

40.00 OP

**IDENTITY OF PARTY TO WHOM TRANSFER IS MADE**

3. Transfer is being made to:

Chiron Corporation  
4560 Horton Street - R440  
Emeryville, CA 94608-2916  
United States of America

**INTENTION OF DOCUMENT**

4. The accompanying document is an:

<u>X</u>	Assignment (original)	<u>    </u>	License
<u>    </u>	Security Interest	<u>    </u>	Other

X Execution Date(s): March 22, 2001

**FEE PAYMENT**

5. Total fee due \$40.00

     Charge Deposit Account No. 03-1664 in the sum of \$40.00.

X Enclosed is a check for \$40.00.

X The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account No. 03-1664. THIS IS NOT AN AUTHORIZATION FOR PAYMENT OF ANY ISSUE FEES.

**ADDRESS TO WHICH DOCUMENT SHOULD BE RETURNED  
AFTER RECORDAL BY PTO**

6. Please return the recorded document to:


CHIRON CORPORATION  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, California 94662-8097  
United States of America

**STATEMENT BY THE PARTY**

7. I hereby submit that, to the best of my knowledge and belief, the information contained herein is true and correct and any copy submitted herewith is a true and correct copy of the original document.

Respectfully submitted,

By:

  
David P. Lentini  
Attorney for Applicants  
Reg. No. 33,944

March 22, 2001

CHIRON CORPORATION  
Intellectual Property - R440  
P.O. Box 8097  
Emeryville, California 94662-8097  
(510) 923-2706  
(510) 655-3542 (fax)

Total number of pages comprising cover sheet: 6 (cover Letter plus Original Assignment)



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 12, 2001

PTAS



\*101659975A\*

CHIRON CORPORATION  
DAVID P. LENTINI  
INTELLECTUAL PROPERTY-R440  
P.O. BOX 8097  
EMERYVILLE, CALIFORNIA 94662-8097

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT



THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/26/2001

REEL/FRAME: 011653/0321  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
RENHOWER, PAUL A.

DOC DATE: 03/22/2001

ASSIGNOR:  
MACHAJEWSKI, TIMOTHY

DOC DATE: 03/22/2001

ASSIGNOR:  
SHAHER, CYNTHIA

DOC DATE: 03/22/2001

ASSIGNOR:  
HAMMOND, MARY ELLEN WERNETTE

DOC DATE: 03/22/2001

ASSIGNOR:  
HARRIS, ALEX L.

DOC DATE: 03/22/2001

ASSIGNEE:  
CHIRON CORPORATION  
4560 HORTON STREET - R440  
EMERYVILLE, CALIFORNIA 94608-2916

DOCKETED on/by 6/18/01  
Att. 2PL PA  
File # PP10325.001  
Doc. Date \_\_\_\_\_ Ext. \_\_\_\_\_

011653/0321 PAGE 2

SERIAL NUMBER: 60231829  
PATENT NUMBER:

FILING DATE: 09/01/2000  
ISSUE DATE:

SEDLEY PYNE, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS